

09/26/01  
U.S. PTO  
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9-27-01

JC978 U.S. PRO  
09/963939  
09/26/01

Atty. Docket No: BAO TONG-101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the ( x ) utility, ( ) design, ( ) plant patent application of:

INVENTOR: Songlin Zhuang et al

FOR: LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION

Enclosed are:

(x) 15 pages of specification (X) Abstract  
(x) Oath or Declaration (X) Power of Attorney  
(x) 4 pages of ( x ) Formal ( ) Informal Drawings.

( ) An assignment of the application to:

( ) Preliminary Amendment ( ) Information Disclosure  
( ) Oath or Declaration Statement  
( ) Associate Power of Attorney ( ) Power of Attorney  
(X) Verified Statement under 37 CFR 1.9 and 1.27 claiming small entity  
( ) Petition for One-Month Extension of Time

The filing fee is calculated as follows:

FOR	NUMBER FILED	NUMBER EXTRA	CLAIMS AS FILED		AMOUNT
			RATE LARGE	RATE SMALL	
BASIC FEE					
Utility	xxxxxx	xxxxxx	\$710.00	\$355.00	\$ 355.00
Design	xxxxxx	xxxxxx	\$320.00	\$160.00	\$ 00.00
Plant	xxxxxx	xxxxxx	\$490.00	\$245.00	\$ 00.00
Total Claims	16 - 20	- -	x \$18.00	x \$ 9.00	\$ 00.00
Independent Claims	2 - 3	---	x \$80.00	x \$ 40.00	\$ 00.00
Multiple Dependency			\$270.00	\$135.00	\$ 00.00
Late Fee Surcharge			\$130.00	\$ 65.00	\$ 00.00

<u>Non-English Language Fee</u>	\$130.00	\$ 00.00
<u>Assignment Recording Fee</u>	\$ 40.00	\$ 40.00
	<b>TOTAL</b>	<b>\$355.00</b>

(X) A check in the amount of \$355.00 to cover the filing fee is enclosed.

( ) A check in the amount of \$40.00 to cover the cost of the Assignment Recording Fee is enclosed.

( ) This application is filed under the provisions of 37 CFR 1.53, and does not include:

- ( ) Oath or Declaration
- ( ) Filing Fee

(X) The Commissioner is hereby authorized to charge payment of the following fees or credit any overpayment to Deposit Account No. 20-0449. A duplicate copy of this sheet is enclosed.

- (x) Any additional filing fees required under 37 CFR 1.16
- (x) Any patent application processing fees under 37 CFR 1.17
- ( ) The Issue Fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

( ) Priority is claimed under 35 USC 119 based on the following:

Serial No.

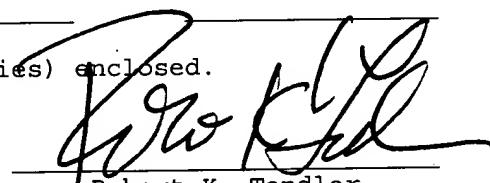
Date Filed

Country

\_\_\_\_\_  
\_\_\_\_\_

( ) Certified copy (copies) enclosed.

Date: 9/26/01



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BAO TONG-101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Songlin Zhuang et al

Express Mail Label No:

EL797751769US

Date of Deposit:

9/26/01

Filed: On Even Date Herewith

For: LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION

PATENT APPLICATION AND  
CERTIFICATE OF MAILING

Honorable Commissioner  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

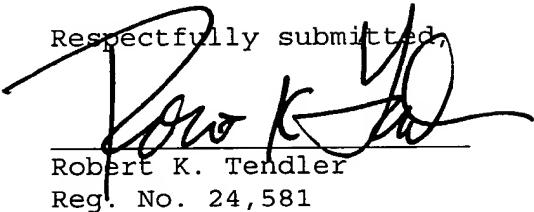
Pursuant to the provisions of 35 U.S.C. 21(a) as amended by Public Law 97-247 and 37 C.F.R. 1.10, the above-identified Applicant encloses for filing the attached Patent Application entitled LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION. This application includes 15 sheets of specification, 4 sheets of formal drawings and a check in the amount of \$355.00 to cover the filing fee.

This Application is being filed on 9/26/01 by mailing an application to Commissioner of Patents and Trademarks, Box New Applications, Washington D.C. 20231, via the United States Postal Service under 37 C.F.R. 1.10. The Express Mail Label number appears in the heading of this paper which is attached to the Application papers pursuant to 37 C.F.R. 1.10(b).

All correspondence concerning this Application should be sent  
to:

Robert K. Tendler  
65 Atlantic Avenue  
Boston, MA 02110  
(617) 723-7268

Respectfully submitted,

  
Robert K. Tendler  
Reg. No. 24,581

65 Atlantic Avenue  
Boston, MA 02110

Date: 9/26/01

CERTIFICATE OF MAILING

"Express Mail" Mailing Label No: EL797751769US

Date of Deposit: 9/26/01

I hereby certify that this paper, fee and attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Box New Applications, Washington D.C. 20231.

Dated: 9/26/01

  
Robert K. Tendler